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	Application No.	Applicant(s)	,
Notice of Allowability	10/672,933	WANG ET AL.	
	Examiner	Art Unit	
	Paul Gurzo	2881	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS Is herewith (or previously mailed), a Notice of Allowance (PTOL-88 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT IS of the Office or upon petition by the applicant. See 37 CFR 1.37	S (OR REMAINS) CLOSED ir 5) or other appropriate commu RIGHTS. This application is s	nthis application. If not included unication will be mailed in due co	d ourse. THIS
1. This communication is responsive to <u>3/8/04</u> .			
2. The allowed claim(s) is/are 18-62.			
3. A The drawings filed on 26 September 2003 are accepted to	by the Examiner.		
 4. ☐ Acknowledgment is made of a claim for foreign priority of a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the priority documents have 3. ☐ Copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the priority docu	ve been received. ve been received in Applicatio	n No	on from the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	" of this communication to file MENT of this application.	a reply complying with the requ	iirements
5. A SUBSTITUTE OATH OR DECLARATION must be sub- INFORMAL PATENT APPLICATION (PTO-152) which gi	mitted. Note the attached EXA ves reason(s) why the oath or	MINER'S AMENDMENT or NC declaration is deficient.	TICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") mu	ust be submitted.		
(a) \square including changes required by the Notice of Draftspe	•	v (PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examine Paper No./Mail Date	r's Amendment / Comment or	in the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	1.84(c)) should be written on the header according to 37 CF	e drawings in the front (not the b R 1.121(d).	ack) of
7. DEPOSIT OF and/or INFORMATION about the dep attached Examiner's comment regarding REQUIREMENT.	OSIT OF BIOLOGICAL MATE FOR THE DEPOSIT OF BIO	ERIAL must be submitted. No DLOGICAL MATERIAL.	ote the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5 □ Nation of In	ormal Patent Application (PTO	. 452)
 Notice of Preferences Cited (FTO-092) D Notice of Draftperson's Patent Drawing Review (PTO-948) 	<u> </u>	ummary (PTO-413),	152)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB	Paper No./	Mail Date Amendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	, <u> </u>	Statement of Reasons for Allow	lanco
of Biological Material	9. ☐ Other		ance

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DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David M. Hill on January 21, 2005. The application has been amended as follows:

Claim 60, line 1, "claim 60" has been changed to --claim 59--.

Claim 61, line 1, "claim 60" has been changed to --claim 59--.

Claim 62, line 1, "claim 60" has been changed to --claim 59--.

Allowable Subject Matter

Claims 18-62 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

As claimed invention was read in light of the specification, the prior art of record fails to disclose a method for analyzing sample ions comprising the steps of introducing the ions into a first ion trap and trapping the selected ions within a second ion trap for a predetermined time. The closest prior art, Chernushevich et al. (6,507,019) depicts in Fig. 1 a linear arrangement for mass spectrometry with an analytical multipole (Q1) and an ion trap (Q2) which is equivalent to the claimed second ion trap, but there is no first ion trap like claimed. Instead, (Q0), which is in the same location as the first ion trap is claimed to be, is merely a first collimating quadrupole and

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there is no trapping or holding of any kind in this collimating region. Therefore, the addition of

another ion trap is non-obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Chernushevich et al. (6,507,019)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul Gurzo whose telephone number is (703) 306-0532. The examiner can normally be reached on M-Thurs. 7:30 - 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Lee can be reached on (703) 308-4116. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9318 for regular communications and (703) 872-9319 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

PMG January 21, 2005 West Transform 2000

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